

SPNT  
Schreiber, David

Seq 140155  
+ 140156

**From:** Steadman, David (AU1652)  
**Sent:** Thursday, December 02, 2004 9:35 AM  
**To:** Schreiber, David  
**Subject:** 10/627,829 sequence search request

NAME: David Steadman  
AU: 1652  
Date: 12/02/04  
Office: Remsen 2B05  
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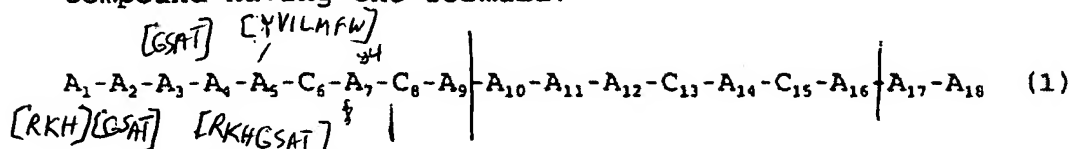
**Please search the following sequence(s) in commercial and interference databases:**

- 1) Standard search of SEQ ID NO:16 against amino acid databases. Please size limit hits to 20 amino acids.
- 2) Standard search of SEQ ID NO:16 against nucleic acid databases.

**If possible, please search the following in STN:**

3)

1. A purified and isolated or recombinantly produced compound having the formula:



or a pharmaceutically acceptable salt or an N-terminal acylated or C-terminal amidated or esterified form thereof, which is either in a linear form or in a cystine-bridged form, wherein:

each of A<sub>1</sub> and A<sub>9</sub> is independently a basic amino acid;

each of A<sub>2</sub> and A<sub>3</sub> is independently a small amino acid;

each of A<sub>5</sub>, A<sub>7</sub>, A<sub>12</sub>, A<sub>14</sub> and A<sub>16</sub> is independently a hydrophobic amino acid;

A<sub>4</sub> is a basic or a small amino acid; [RKHGSAT]

A<sub>10</sub> is a basic or a small amino acid or is proline; ~~[GSATP]~~ [RKHGSATP]

A<sub>11</sub> is a basic or a hydrophobic amino acid; [RKHYVILMF<sup>W</sup>]

A<sub>17</sub> is not present or, if present, is a small amino acid;

A<sub>18</sub> is not present or, if present, is a basic amino acid;

and

each of C<sub>6</sub>, C<sub>8</sub>, C<sub>13</sub> and C<sub>15</sub> is independently selected from the group consisting of cysteine, a hydrophobic amino acid, a large polar amino acid and a small amino acid. [CYVILMF<sup>W</sup>NQGSAT]

or NOT [PDEKRN]

Acidic: Aspartic acid and Glutamic acid; [OE]

Basic: Noncyclic: Arginine, Lysine;

Cyclic: Histidine;

[RKH]

Small: Glycine, Serine, Alanine, Threonine; [GSAT]

Polar/large: Asparagine, Glutamine;

[NQ]

Hydrophobic: Tyrosine, Valine, Isoleucine,

Leucine, Methionine, Phenylalanine,

Tryptophan.

[YVILMF<sup>W</sup>]

Please save results to diskette.

21

method of treating  
microbial

Thank you very much.

David J. Steadman, Ph.D.  
Patent Examiner

Infection

claim 12-21

1995